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Substitute for form 1449/PTO

Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/617,767			
Filing Date	July 14, 2003			
First Named Inventor	Jung-hyun LEE, et al			
Art Unit	2822			
Examiner Name	C. L. NOVACEK			
Attorney Docket Number	240/240			

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CK -		<sup>US-</sup> 6,407,435 B1	06-18-2002	MA, et al.	
	<del></del>	US-		(entered 3-18-04)	
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		FORE	IGN PATENT DOCL	MENTS		
Examiner Cite No.1	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
		Country Code <sup>3</sup> Number <sup>4</sup> 'Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			T°
(1)K_		EP 0 540 994 A1	05-12-1993	ARGOS, et al.		
OX.		EP 1 341 217 A2	09-03-2003	LEE, et al.	Entered 1/4/05	
O8,		WO 02/31875 A2/A3	04-18-2002	HAUKKA, et al.		
$\mathcal{C}_{\mathcal{K}}$		JP 2001-267566 *	09-28-2001	MA, et al.	Entered 1/4/05	
		*=US 6,407,435				
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Examiner Signature	Christ Haracek	Date Considered	3/28/05

\*EXAMINER: Initial if reference/considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO			DCOL 1000, 110 polyamous	Complete if Known		
Subsuit	Re lot lottle 1445/F FO			Application Number	10/617,767	
INF	ORMATION	I DIS	CLOSURE	Filing Date	July 14, 2003	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Jung-hyun LEE, et al	
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(Use as many sheets as necessary)		Examiner Name	C. L. NOVACEK			
Sheet	2	of	2	Attorney Docket Number	249/349	

		NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
CV	1	CHOI, et al., *, Jpn. J. of Applied Physics, 40(4B, Part 1):2940-2942, (April 2001)			
		* Entitled: "Electrical Characteristics of Pt/SrBi2Ta2O9/Ta2O5/Si Using Ta2O5 as the Buffer Layer"			
CV	2	CLARK-PHELPS, et al. **, Mat. Res. Soc. Symp. Proc. Vol. 670, Society, K2.2.1-6 (2001)			
		** Entitled: "Engineered tantalum aluminate and hafnium aluminate ALD films for ultrathin "			
CX	3	WILK, et al., ***, Journal of Applied Physics, Vol. 89, No. 10:5243-5275, (May 15, 2001)			
		***Entitled: "High-k gate dielectrics: Current status and materials properties considerations"			
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Examiner	01 700	Date	2/22/25
Signature	Chush/ Kwack	Considered	.3/28/05

<sup>\*</sup>EXAMINER: Initial if reference congligered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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